

10/063979
Amdt. Dated Feb. 11, 2004
Reply to Office Action of Oct. 15, 2003

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1 (Amended). A golf ball comprising:
a core; and
a cover formed over the core, the cover composed of a thermosetting polyurethane material formed from reactants comprising at least one polyurethane prepolymer and a curative blend consisting essentially of comprising 4,4'-methylenebis-(2,6-diethyl)-aniline in an amount of 25 parts to 75 parts per 100 parts of the curative blend and a second curing agent in an amount of 25 parts to 75 parts per 100 parts of the curative blend;

wherein the cover has an aerodynamic surface geometry thereon.

2(Original). The golf ball according to claim 1 further comprising at least one boundary layer disposed between the core and the cover.

3 (Amended). The golf ball according to claim 1 wherein the polyurethane prepolymer is a polypropylene glycol terminated toluene diisocyanate prepolymer with a nitrogen-carbon-oxygen group content ranging from 3.0% to 6.0%.

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4 (Original). The golf ball according to claim 2 wherein the boundary layer is composed of a blend of ionomers.

5 (Amended). The golf ball according to claim 1 wherein the polyurethane prepolymer is a polytetramethylene ether glycol terminated toluene diisocyanate prepolymer with a nitrogen-carbon-oxygen group content ranging from 3.75% to 7.0%.

6-7 (Canceled).

8 (Amended). A golf ball comprising:

a core; and

a cover formed over the core, the cover composed of a thermosetting polyurethane material formed from reactants comprising at least one polyurethane prepolymer and a curative blend consisting essentially of ~~comprising~~ 4,4'-methylenebis-(2,6-diethyl)-aniline in an amount of 25 to 75 parts per one hundred parts of the curative blend and a second curing agent in an amount of 25 to 75 parts per one hundred parts of the curative blend, wherein the second curing agent has the same equivalent weight as the 4,4'-methylenebis-(2,6-diethyl)-aniline;

wherein the cover has an aerodynamic surface geometry thereon.